## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

## (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 19 February 2004 (19.02.2004)

PCT

## (10) International Publication Number WO 2004/014119 A1

A01D 34/68, (51) International Patent Classification<sup>7</sup>: 34/69, 34/10, 34/47, B62D 7/02, A01B 51/02

(21) International Application Number:

PCT/CZ2003/000045

(22) International Filing Date: 11 August 2003 (11.08.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

PV 2002-2755

13 August 2002 (13.08.2002) CZ

(71) Applicant and

(72) Inventor: DVORAK, Lubomir [CZ/CZ]; Dvorce 62, 580 01 Havlíckuv Brod (CZ).

(74) Agent: CERMAK, Karel; Cermák Horejs Myslil, Národní 32, 110 00 Prague 1 (CZ).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

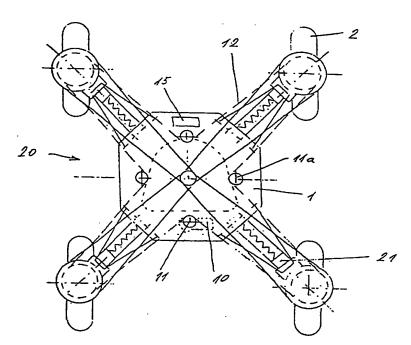
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: TRAVELLING DEVICE PARTICULARLY FOR SELF-PROPELLED MOWER



(57) Abstract: Travelling device (20) particularly for self-propelled mower comprises a frame (1) provided with several identical travelling units (21) arranged on its circumference. Each travelling unit (21) comprises a flexibly suspended travelling wheel (2) rotating on its horizontal and vertical axes. A motor unit (3) with a driving shaft (13) is arranged on said frame (1) for driving a working device and said travelling wheels (2). Said travelling wheels (2) are arranged in said travelling units (21) turnably on vertical axis in an unlimited angular range of 360°.